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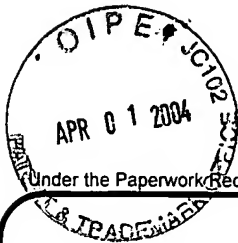
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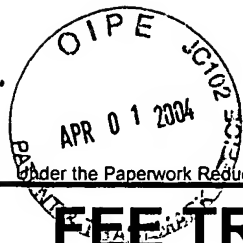
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/673,101	
	Filing Date	09/26/2003	
	First Named Inventor	Smith et al.	
	Group Art Unit	3676	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	9	Attorney Docket Number	LIT-PI-304A.D1

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>Return Receipt Postcard</b>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Stephen R. Christian Registration No.: 32,687
Signature	
Date	29 MAR 2004

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 3/29/04			
Typed or printed name	Mandy Landon		
Signature		Date	3/29/04

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 130.00

## Complete if Known

Application Number	10/673,101
Filing Date	09/26/2003
First Named Inventor	Smith et al
Examiner Name	Unknown
Group Art Unit	3676
Attorney Docket No.	LIT-PI-304A.D1

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 05-0565  
Deposit Account Name

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$)

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** = 23 X		
Multiple Dependent	-3** = 1 X		

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	130.00
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 130.00

## SUBMITTED BY

Name (Print/Type)	Stephen R. Christian	Registration No. (Attorney/Agent)	32,687	Telephone	208-526-9140
Signature		Date	29 MAR 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**  
Smith et al.

**Serial No.:** 10/673,101

**Filed:** September 26, 2003

**For:** SENSOR SYSTEM FOR BURIED  
WASTE CONTAINMENT SITES

**Confirmation No.:** 1940

**Examiner:** Unknown

**Group Art Unit:** 3676

**Attorney Docket No.:** LIT-PI-304A.D1

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

3/29/2004

Date

Mandy Landon  
Signature

Mandy Landon

Name (Type/Print)

**PETITION TO CHANGE NAME OF INVENTOR**

Mail Stop Petition  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

The name of the Inventor Ann Marie Smith has been changed to Ann Marie Phillips and it is hereby petitioned that the change be made on the records of the PTO for this application.

An affidavit is attached which is signed in both names of the Inventor and which

\_\_\_\_\_ sets forth the procedure by which the change of name was effected, or

X  a certified copy of the court order changing the Inventor's name.

The fee required by 37 C.F.R. § 1.17(i) is enclosed.

04/02/2004 KBETEMA1 00000044 050565 10673101

01 FC:1460

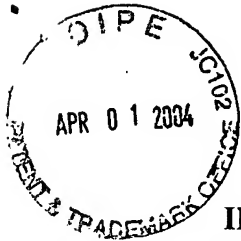
130.00 DA

Serial No. 10/673,101

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Stephen R. Christian", with a long horizontal flourish extending to the right.

Stephen R. Christian  
Registration No. 32,687  
Attorney for Applicants  
P.O. Box 1625  
Idaho Falls, ID 83415-3899  
Phone: (208) 526-9140  
Fax: (208) 526-8339



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Smith et al.

**Serial No.:** 10/673,101

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3/29/2004

Date

Mandy Landon

Signature

Mandy Landon

Name (Type/Print)

**AFFIDAVIT IN SUPPORT OF PETITION TO CHANGE NAME OF INVENTOR**

Mail Stop Petition  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

This affidavit is made in support of the accompanying PETITION TO CHANGE NAME OF INVENTOR.

This Affidavit is signed by the Inventor in his/her prior name and is also signed by the inventor in his/her present (new) name.

\_\_\_\_ The procedure by which the name change was effected

OR

X A certified copy of the court order changing the Inventor's name is attached

Serial No. 10/673,101

Ann Marie Smith  
(typewritten inventor's prior name)

Ann Marie Smith  
Signature of inventor (prior name)

Ann Marie Phillips  
(typewritten inventor's present (new) name)

Ann Marie Phillips  
Signature of inventor – present (new) name

663

(Use typewriter and/or black ink)

DH 61-027 Official should send this copy back to the County Recorder immediately.

Vital Statistics  
Statehouse  
Boise, Idaho 83720

APR 01 2004

## STATE OF IDAHO

State File No. 96016603  
County File No. 96016603County of BANNOCK

## Marriage License

KNOW ALL PERSONS BY THIS CERTIFICATE: That any regularly ordained minister of the Gospel, authorized by the rites and usages of the church or denomination of Christians, Hebrews, or religious body of which said minister is a member, or any judge or magistrate, or competent officer to whom this may come, not knowing of any lawful impediments thereto, is hereby authorized and empowered to solemnize the rites of Matrimony between:

GROOM  
1. Full Name DANIEL BRENT PHILLIPS  
2. Address POCATELLO BANNOCK IDAHO  
3. Age 47 4. Race WHITE 5. Single    6. Widowed    7. Divorced X  
8. Birthplace: City MALAD State IDAHO

DOB 2-14-49

AND  
BRIDE  
9. Full Name ANN MARIE SMITH  
10. Address POCATELLO BANNOCK IDAHO  
11. Age 34 12. Race WHITE 13. Single X 14. Widowed    15. Divorced     
16. Maiden Name if previously married     
17. Birthplace: City GOLDEN VALLEY State MINNESOTA

DOB 11-20-61

And to certify the same to said parties, or either of them under the signature and seal, of said minister or official capacity, and thereupon is required to deliver the original to the parties so married.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal,  
at POCATELLO BANNOCK County, Idaho,  
this 15TH day of AUGUST, A.D. 19 96.

LARRY W. GHAN

Melanie Johnson  
Recorder  
Deputy

## Marriage Certificate

I, Louise R. Roback (Rev.), a Unitarian Universalist Minister  
residing in the city of Pocatello, in the County of Bannock, in the State of Idaho do certify  
that, in accordance with the authority on me conferred by the above license, I did on this 21st day of September  
in the year A.D. 19 96 in the city of Pocatello in the County of Bannock in the State of Idaho,  
solemnize the rites of matrimony between Daniel Brent Phillips of Pocatello  
in the County of Bannock of the State of Idaho  
and Ann Marie Smith of Pocatello in the County of Bannock  
of the State of Idaho, in the presence of Barbara B. Housley and Rodney L. Anderson

WITNESS My Hand at the County aforesaid, this 21st day of September, A.D. 19 96.  
In the presence of Barbara B. Housley Official's Signature Louise Roback  
and R. L. Anderson Mailing Address 309 N. Garfield  
Pocatello, Id 83201

Date Received by County Recorder 9-25-96

LARRY W. GHAN

Recorded by State Registrar

NO 96016603  
RECORDED AT REQUEST OF

SEP 30 PM 3:30 106

BOOK NO 675  
BANNOCK COUNTY IDAHO  
LARRY W. GHAN RECORDER  
FEE 8 DEPUTY 8

STATE OF IDAHO }

County of Bannock }

I hereby certify that the foregoing is a full true and correct copy of an instrument as the same now remains on file and of record in my office.

WITNESS my hand and official seal hereto affixed

this 19th day of March, a.d. 20 04

LARRY W. GHAN, CLERK OF THE DISTRICT COURT  
EX-OFFICIO AUDITOR AND RECORDER

By Deputy Barbara S. Young



IDAHO

CLASS D DRIVER'S LICENSE

DL#DA144367E  
#030001680133

*Ann Marie Phillips*  
PHILLIPS, ANN MARIE

5250 W OLD HWY #91  
POCATELLO ID-83204



SEX	HEIGHT	WEIGHT	HAIR	EYES
F	5'0"	135	BRO	BRO

BIRTH DATE: 11-29-61 EXPIRES: 11-29-04 06-16-00

RSTS: B  
ENDR: DONOR